MAY 2022 **P/ID 16306/PIT2E**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. List the functionalities of JVM.

2. Distinguish between protected and default access specifier.

3. What is method overloading?

4. Distinguish between wait ( ) and sleep ( ) method.

5. Can we use multiple catch block in java exception handling? Justify your answer.

6. State the need for interface.

7. Differentiate between string and string buffer.

8. List any four classes in java.util.package.

9. Define the term proxy server.

10. State the use of MAC address.

11. What are the advantages of servlet?

12. Name the servlet life cycle methods.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions.

13. Elaborate on the lexical issues in Java.

14. Discuss multilevel inheritance with an example.

15. Explain various exception handling mechanisms in detail.

16. Elaborate java package with an example.

17. Write a java program to read the contents of a file using file I/O classes.

18. Write short notes on IP address.

19. Discuss servlet architecture with neat diagram.

PART C — (3 × 10 = 30 marks)

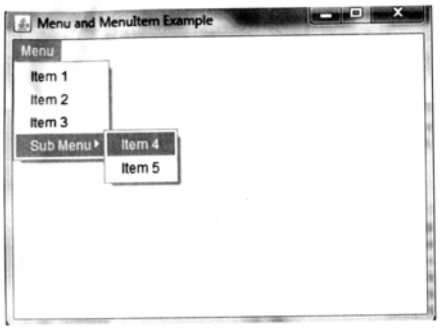
Answer any THREE questions.

20. Discuss the types of constructors with an example.

21. State the need for inter thread communication and explain with an example.

22. Elaborate on any 5 string buffer methods in detail.

23. Write a java program for the following menu using Java AWT.



24. Elaborate on the classes and interfaces under Javax.Sevlet package.